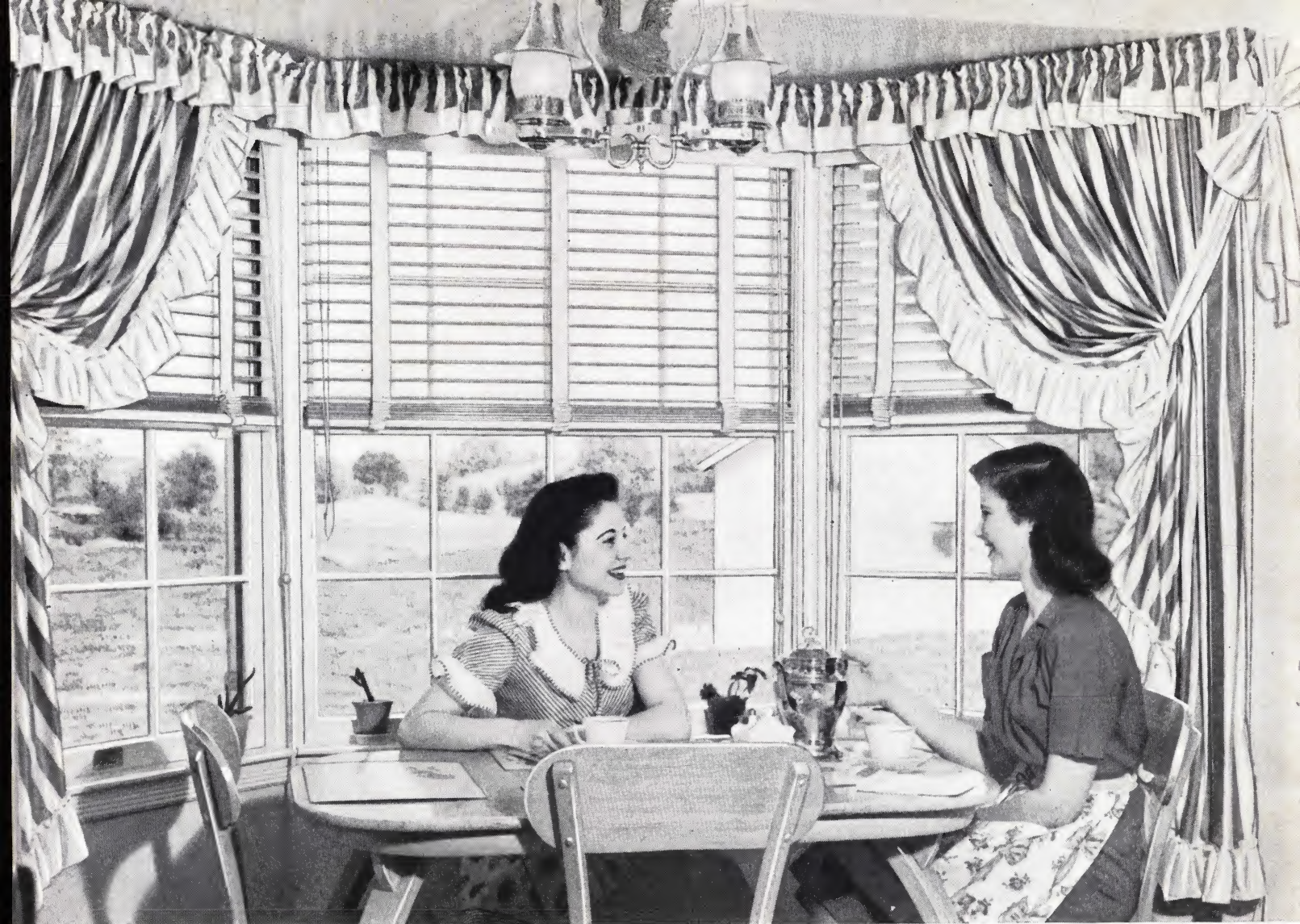




Light up your Living...

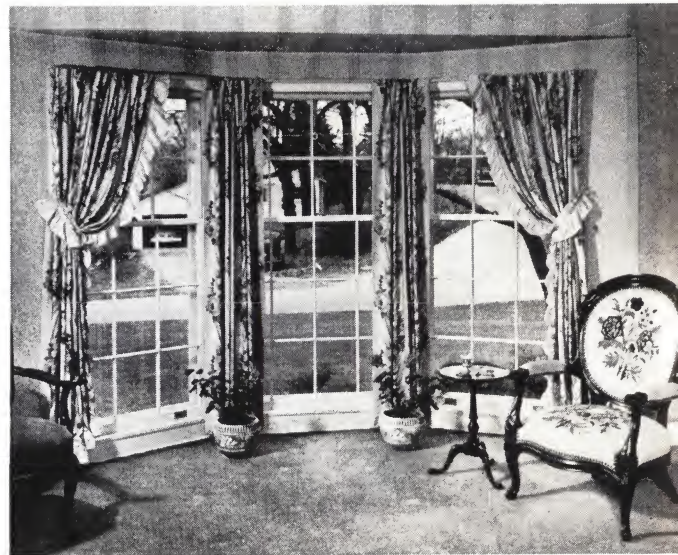
WITH CURTIS SILENTITE WINDOWS



You'll love a big, sunny bay in your home! For adding useful living space to a room . . . for enjoying a view . . . for greater architectural interest and beauty, inside and outside, it's difficult to surpass the charm of a Curtis Silentite Bay. When made up of pre-fit stock-size window units, such bays are economical to install.



Here is an excellent grouping of windows . . . forming a "window wall." Silentite Windows may be effectively grouped in any desired number, and, of course, in several sizes.



Windows reaching to the floor are popular now. This Silentite bay is one of several styles you may build with Silentite Windows.



It's not enough to insulate the walls and roof of your home. The windows must be insulated, too. The new self-fitting Silentite is the most economical and trouble-free "insulated" window you can use. This book will tell you all about Silentite Windows.

Window dreams come true with the new self-fitting SILENTITE

Ever since homes became something more than mere shelters . . . ever since man has sought to make his habitations more convenient, more comfortable and more charming . . . there has been no substitute for the friendliness and beauty of windows. For windows are the "eyes of the home". They give glamour to even the plainest house and admit two of nature's most enjoyable gifts . . . sunlight and fresh air • Silentite "Insulated" Windows were first introduced in 1932, by Curtis, makers of the nationally-known line of Curtis Woodwork. This was the first improvement in double-hung window construction for nearly 300 years. It revolutionized window thinking! And it gave American home owners far more for their money than their window dollars had ever been able to buy before • Now Curtis brings you an amazing new window . . . the self-fitting Silentite! Never before have you seen a window like this . . . and no where else can you obtain the features and advantages which the new self-fitting Silentite offers. For Curtis has created entirely new principles of window construction to give you more weather-tightness . . . new ease of operation . . . new locking features . . . and lifelong window economy and satisfaction • The best features of the old Silentite . . . long considered to be America's most modern window . . . have been retained and many new ones added. It will pay you to read this book so you will know what a fine product Curtis offers in the new Silentite Window. And it will pay you, too, to insist on getting Silentite Windows when you build or remodel your home!



Numerous modern window arrangements may be had with Curtis Silentite stock units.

SILENTITE may be called a floating window

Since its introduction in 1932, the Silentite Window has ably demonstrated to hundreds of thousands of home owners its fine appearance, weather-tightness, ease of operation, and its operating economy. Today, it has been improved still more in all of these features . . . particularly in weather-tightness, installation time and ease of operation. As in the original Silentite, the sash are balanced by coiled springs housed in the junction of jamb, sash and stop. There are no weights, pulleys or cords. The area saved provides more light, or more wall space or both • The sash are factory-fitted to the frames and the side play permitted by the sliding bars and double Z spring weather-strips provides for normal shrinking or swelling without affecting the weather-tightness or ease of operation. The sash, in effect, float in the opening • The detail at the left shows the operating features of the new Silentite. The specially designed coiled springs (D and E) . . . two to each sash . . . are suspended from screws for which holes are provided in the spring groove of the side jambs. The springs are designed to balance each size of sash, but a slight adjustment is provided by the several holes for the suspending hooks • The bottom end of each spring is attached to hook (A) for which a hole (C) is provided in the bottom of each stile, with an aligning groove (B) running to the spring groove to locate the hook. The springs are covered at the sash by the Mitertite stop (F). Mitertite casing (G) is shown in place • In the circle, is a partial view of the double Z weather-strip pressing the sliding bar against the sash.



with OLD-FASHIONED windows



with SILENTITE units

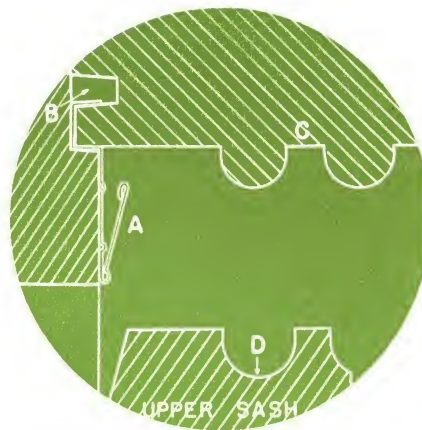
Silentite saves on fuel costs year after year.
It's weather-tight . . . keeping your expensive heat inside.

Lower heating costs

Three factors, in all probability, will largely govern the selection of windows for your home. These are: ease of operation; beauty; economy. Weather-tightness is a very big talking point of Silentite. On page 5 are details of Silentite weather-stripping. Here, really, is what makes Silentite "tick" insofar as concerns weather-tightness and fuel economy. Call the attention of your architect and builder to the new patented type of weather-stripping used in the Self-Fitting Silentite. The new product is fully 20% more weather-tight than the Silentite Window previous to 1946 . . . and that unit was considered to be the most fuel-saving window on the market.

Head weather-stripping . . . Groove at (B) in the head jamb takes the flange of the bronze spring leaf weather strip (A). This spring leaf is compressed by the top rail when sash is closed. The joint is further sealed by the pine head stop (C), the bead of which engages a corresponding groove (D), in the top edge of the top rail

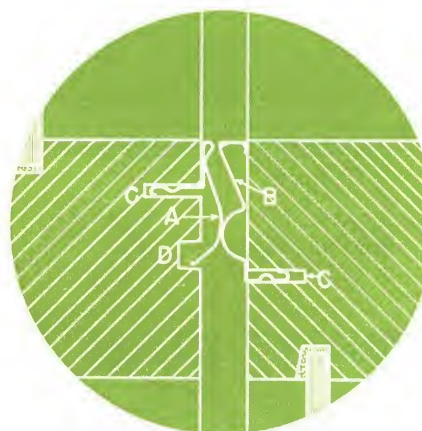
- The outside edge of the top rail is beveled to make an easy sliding contact with the spring leaf, gradually compressing it to a tight fit.



Side Weather-stripping . . . The clearance between jamb and sash (A) is normally $\frac{1}{8}$ " on each side. This greater clearance is made possible by the flexibility of the new combined sliding bar and weather strip (C) and (D). The pine sliding bar has a center bead which replaces the conventional parting stop. The double Z type bronze weather-strip, seated in the plow behind the sliding bar, exerts outward pressure on each side of the sliding bar—allowing a "cushioning effect", which keeps each side in firm contact with its sash, (B) regardless of the position of the sash.



Weather-stripping at meeting rails . . . The conventional check rail has been discarded in favor of a plain meeting rail and the wood parting stop has been eliminated. The specially designed weather strip members, (A) on the top and (B) on the bottom sash, are installed at the factory and carefully protected in the new window carton. As shown in the detail, the sash are separated so that the weather strips are not compressed. Note in side weather strip that the conventional parting stop is replaced by connecting member of the sliding bar.

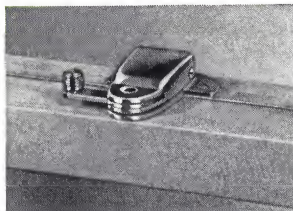


Sill weather-stripping . . . at the sill a further decided improvement has been made in the weather tightness. A plow in the bottom rail of the sash anchors the bronze spring leaf weatherstrip (a). When the sash is closed, the bronze strip (a) is compressed against the sill giving positive protection against infiltration of dust or cold air. To assure correct application, the weather-strip is applied to the bottom rail at the factory.



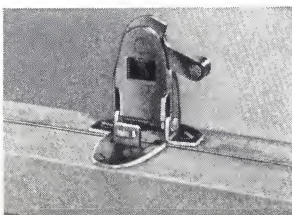


Smooth and silent



A new style lock, with the name SILENTITE stamped on it is furnished with each Silentite window. Extra locks are available from your Curtis dealer. The lock is shown closed on the left — open, below.

Latch is attached to top sash meeting rail and when disengaged, springs up to a vertical position, permitting lower sash to pass. Strike plate is attached to bottom sash meeting rail. There is no projecting hardware to mar bars of upper sash when opening.



You won't have to pull and tug to open your windows if they're Silentite! Easy to operate when new, the self-fitting Silentite continues to work smoothly with use, because of the wood-to-wood contact in the jamb channels. One of the major improvements in the new Silentite is at the side jamb. It is at this point that friction generally develops, sticking of sash tends to appear, and the greatest tendency toward air infiltration is normally present • In the new Silentite, the double Z type bronze weather strip is housed in the jamb and the two spring leaves press outwardly and independently against the two wood beads of the sliding bar, each of which engages a groove in the stile edge of each sash. Ample side play is thus provided without forfeiture of weather-tightness or easy operation • A child can open even the largest size Silentite window . . . with very little effort. Have your Curtis dealer tell you more about this amazing new pre-fabricated wood window. Its use will save you money in installation time and you'll find it the most economical window you can buy. All parts are engineered for perfect coordination in completed job.

No rattling, binding, sticking

If there is one "pet-peeve" of all of us who live in homes . . . it is rattling windows. Sticking and binding windows is another! The cause is usually an improper fit between stationary and moving parts. To avoid such trouble, windows should be precisely machine-fit and factory made. And, of course, weights and pulleys . . . with their trials and tribulations . . . are decidedly old-fashioned and quite unnecessary • In the new Self-fitting Silentite, the sliding bar in the side jamb is made up of two wood beads joined together by a flexible bronze parting bead. This permits each bead of the sliding bar to be pressed against the running groove of its sash independently of the other bead and sash. Thus, with any shrinking or swelling of either sash, the double Z type bronze strip seated behind the sliding bar expands or contracts and maintains a nearly uniform pressure of each bead of the sliding bar against its sash. Each sash, therefore, is free to move slightly from side to side in the opening but with the beads on both sides always snugly fitting the running groove under pressure. Thus, the sash, in effect, "floats" in the frame, but always with a weather-tight fit . . . yet, no binding, sticking, or rattling • The suspending springs which operate the sash have been carefully redesigned for each size and weight of sash to practically offset the friction of the sliding bars and to make the operation of the window easier than ever before, yet, without any "creeping" of the sash • You'll eliminate "window pains" with the new Silentite.

The narrow bars and muntins in the new Silentite, gives them a slim modern, streamlined look that adds greatly to the beauty of a home. Delicate designing and engineering of the new Silentite assures a durable and modern unit. Because of the proper designing, Silentite windows have more glass area per given opening. Consequently, more sunlight will enter your home. Light adds to the decorative ease, charm and livability of the home. Associate nature's beauty and plenty of sunlight with interesting curtaining treatments and a cheerfulness unequalled is added to any room in the home. Wise home builders make sure that their plans include Silentite Windows for every room.

The snug fit of the Silentite offers much more to the ease of home making. Its resistance to air infiltration keeps dust, smoke and rain out and watches your fuel bill. Curtains, walls and furniture stay clean longer. The household tasks will be lightened with the New Silentite, which comes in several sash styles and in most commonly used opening sizes.



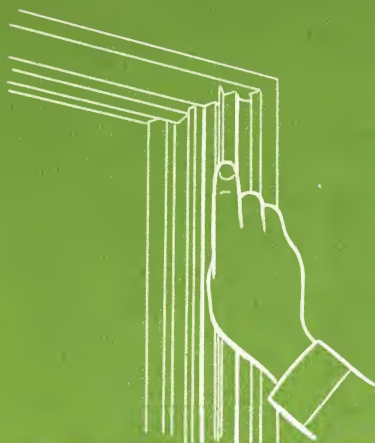
No more rattling windows if they're Silentite.



No sticking or binding . . .
no more "window pains" with Silentite.



This attractive corner window installation
admits plenty of sunlight.

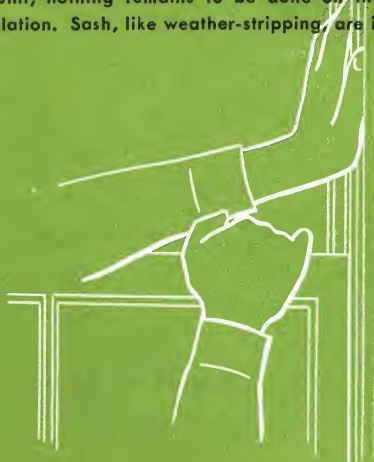


No nails or screws are used to hold Silentite weather-stripping in place. It is quickly installed and slides into its seat standing upright full length. Weather-stripping is in in a jiffy.



Sash are hooked on springs quickly! Think of the time saved from the old way of using weights, cords, pulleys. Pre-fabricated parts enable carpenters to install Silentite quickly.

Drawing shows top sash being installed. Because Silentite is a pre-fit unit, nothing remains to be done on the job other than installation. Sash, like weather-stripping, are in in a jiffy.



Drawing to show Silentite sash snapped into position. Both top and bottom sash are easily removed from inside by removal of one inside stop only.



Low installation cost... and many other exclusive features... makes the New Silentite America's most modern window

Silentite is a pre-fabricated window. Its use will save you money in installation time and you'll save money year after year through lower heating costs. You'll find it the most economical window you can buy. And... *plus economy*... you get other exclusive features which only the new Silentite offers. Some of these are:

- A complete unit including frame, pre-fit window, screen, storm sash and trim. All parts of unit are carton-packed.
- All parts engineered for perfect coordination in completed job.
- Extreme weather-tightness between frame members, & frame & wall.

- Improved weather-stripping installed with frame and window.
- Effective meeting rail weather-strips are applied at the factory... also the new head stop and head weather-strip are installed in the frame at factory.
- Improved sill weather-strip installed at the factory.
- Windows accurately pre-fitted to the frame.
- More glass area for a given opening.
- Spring suspension eliminates pulleys, weights and cords.
- No through cuts in jamb... reduces air leakage.
- Twelve designs of windows from which to choose.
- Frame fits any type wall construction.
- Springs are easily changed, if necessary, without removing sash.
- Narrow outside casing ($2\frac{7}{8}$ ") and narrow mullion (2") provide fine exterior appearance.
- Any combination of frame, window and trim types may be made.



a

a . . Exterior view of Protector-vent storm sash with ventilating sash in normal open position to give draftless ventilation.

b . . Interior view showing same adjustment of vent and bottom sash, but top sash partially open to provide additional ventilation, if desired.

c . . Direct ventilation may be obtained with ventilating sash lowered, as in picture.



b



c

Removable winter windows and screens for SILENTITE

As an essential part of the Silentite Unit for cold climates, Curtis makes pre-fit storm sash in several designs to match Silentite windows. In addition to the conventional storm sash, there is the popular Protectorvent . . . the controlled ventilation window . . . available in sizes and designs to match standard

Silentite windows. Both kinds are removable and are generally stored in warm weather • Storm sash are recommended for climates where the weather gets down to zero. In some climates where sand storms are severe, winter windows are used to shut out dirt and dust. Many architects and builders recommend them to eliminate condensation or fogging of window glass • Advise your builder, or the Curtis dealer, to figure in Silentite screens and storm sash for your home.

You will welcome the sunlight and enjoy the view that picture windows bring into your home





A modern "window wall" with fixed middle sash and fifteen-light Silentite double-hung windows on the sides. Opening size, approximately 11' x 5' 6". A fine arrangement for any home.

How and where to use MORE WINDOWS



Picture window with Silentite casements which open out on either side. A very effective treatment.

Mr. & Mrs. America, through numerous home surveys, have expressed a strong desire for more windows . . . and better windows . . . in the homes they are planning to build and remodel. This decision is an excellent one! For nothing does more to make a home livable and enjoyable than attractive windows when used with taste and imagination.

One of the chief reasons why the homes of yesterday were often so bleak and uninviting, both inside and outside, was their sparing use of windows. We know better now! The modern trend is to use windows in groups . . . and to use bays, dormers, corner windows, picture windows, and, in some cases, actual "window walls." You seldom see a house with too many windows.

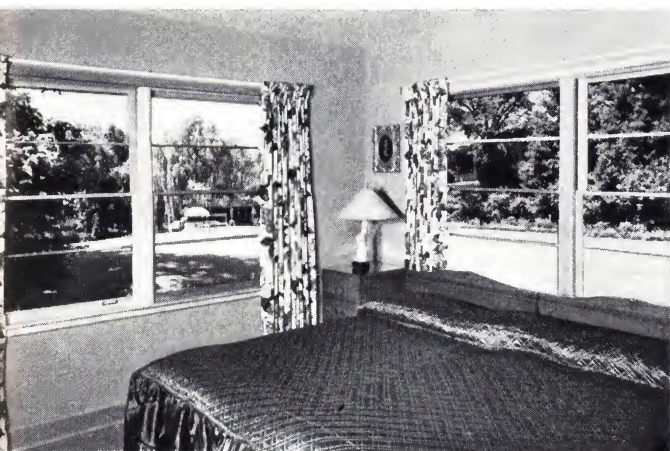
A good rule to follow in planning a new home, or in remodeling an old one, is to consider every single window opening to determine whether both the exterior and interior effect would not be improved by using two or more windows. Unless there are enough windows, properly placed, there is a sacrifice of exterior beauty as well as of interior charm and comfort.

Windows rightly used add distinction to the exterior of a home, and cheer to the interior. They admit more sunshine, more healthful air. They help capture interesting views and make the home a more intimate part of the outdoors, summer and winter. Windows also increase immensely the decorative possibilities of the home. They make small rooms seem larger, and help save on lighting bills. Windows can help you do all these things, no matter what size or type home you build or remodel.

Increase home value

Effective use of windows need not be confined to large or medium-sized homes. Window groups can be used even in a tiny home to good advantage . . . in fact, their use in a small home is almost a "must" because they are needed to create a feeling of greater spaciousness in smaller rooms, and to admit air and light. The house with an abundance of windows will generally sell or rent for a better price than the "dingy" house. For everyone likes nature's bountiful gifts . . . sunshine and air . . . and windows will pay cash dividends if you ever dispose of your home.

You may banish from your mind any thought that the wide use of windows adds to heating problems and cost in a home. Curtis Silentite "Insulated" Windows are pre-fit at the factory so that there are no cracks or crevices to add to heat loss. They are completely weather-stripped . . . even at the meeting rail . . . and are provided with effective storm sash for winter use. So you need not hesitate to really "let yourself go" in planning extensive use of modern Silentite windows.



Here twin Silentite double-hung windows are used on two walls. The generous use of windows, attractively grouped, is popular with home builders everywhere.



Here Silentite windows used on each side of a Curtis View Sash. Opening size is about 11' 6" x 4' 6". Numerous arrangements may be had with standard sizes.



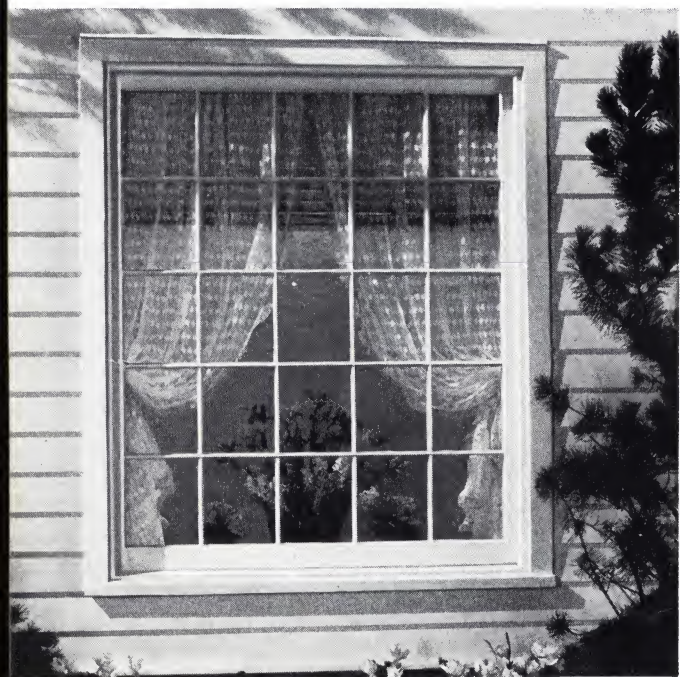
An attractive bay for a small home. A larger size is pictured on page 12. You'll want at least one bay in your home. They are popular for dining nooks.



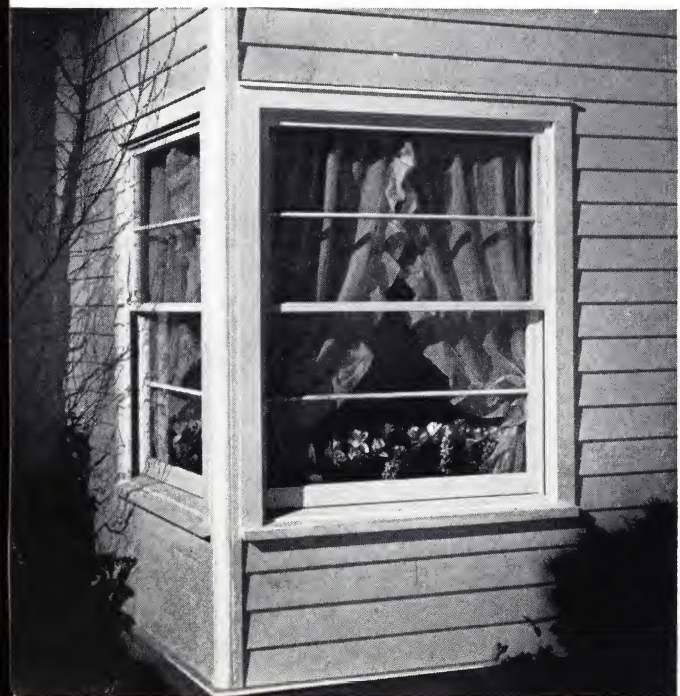
Fifteen-light Silentite double-hung windows flanking a view sash—a really beautiful window wall. With Silentite, you may have any window style desired.



b



c



d



a

Putting windows to work

Here are a few suggestions for using Curtis Silentite Windows in various parts of your home. It matters not whether yours is to be a castle or a cottage, you can use windows to give it added beauty and utility. The generous use of windows adds very little to the total cost of a home . . . or to remodeling • It is well to remember that many home features may be changed readily . . . such as roofing, paint, drapes, furniture, floor coverings, wall paper, etc. But windows are a structural part of the home. Therefore, the need for planning your windows before you build or remodel.

- a • Silentite Bay — made up of two 15-light windows at 45° angles from the center 20-light window.
- b • Curtis Picture Window — C-2735. Made in two sizes, 5-0x4-6 and 6-0x4-6.
- c • Curtis View Sash, C-2725. Opening size, 4-6x5-6. Often used with double-hung windows on either side.
- d • Attractive corner window arrangement with horizontal-light sash. Very popular now in all sizes of homes.



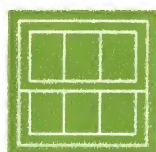
Stock sizes and designs of Silentite windows

Stock sizes and designs

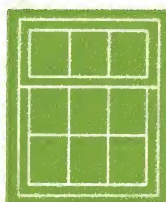
Opening Sizes	C-2752 2-Lt.	C-2754 4-Lt.	C-2760 6-Lt.	C-2764 Horiz. 4-Lt.	C-2768 8-Lt.	C-2769 9-Lt.	C-2772 12-Lt.	C-2775 15-Lt.	C-2776 16-Lt.	C-2780 20-Lt.	C-2786 6-1
1-8x3-10	16x20			16x20	8x10						16x20
4-2				16x22	8x11						
4-6	16x24			16x24	8x12						16x24
4-10	16x26			16x26							16x26
5-2	16x28			16x28							16x28
2-0x2-6	20x12	10x12		20x12							
2-10	20x14			20x14			6 $\frac{3}{4}$ x7				20x14
3-2	20x16			20x16			6 $\frac{3}{4}$ x8				20x16
3-6	20x18			20x18			6 $\frac{3}{4}$ x9				20x18
3-10	20x20			20x20			6 $\frac{3}{4}$ x10				20x20
4-2	20x22			20x22			6 $\frac{3}{4}$ x11				20x22
4-6	20x24			20x24	10x12		6 $\frac{3}{4}$ x12				20x24
4-10	20x26			20x26			6 $\frac{3}{4}$ x13				20x26
5-2	20x28			20x28	10x14		6 $\frac{3}{4}$ x14				20x28
2-4x2-10	24x14			24x14			8 x 7				24x14
3-2	24x16			24x16			8 x 8				24x16
3-6	24x18			24x18		8 x 12	8 x 9				24x18
3-10	24x20			24x20			8 x 10				24x20
4-2	24x22			24x22			8 x 11				24x22
4-6	24x24			24x24			8 x 12				24x24
4-10	24x26			24x26			8 x 13				24x26
5-2	24x28			24x28			8 x 14				24x28
5-6								8 x 12			
2-8x2-6		9 $\frac{1}{2}$ x12									
2-10	28x14			28x14			9 $\frac{1}{2}$ x7				28x14
3-2	28x16			28x16			9 $\frac{1}{2}$ x8				28x16
3-6	28x18			28x18		9 $\frac{1}{2}$ x12	9 $\frac{1}{2}$ x9				28x18
3-10	28x20			28x20			9 $\frac{1}{2}$ x10				28x20
4-2	28x22			28x22			9 $\frac{1}{2}$ x11				28x22
4-6	28x24			28x24			9 $\frac{1}{2}$ x12				28x24
4-10	28x26			28x26			9 $\frac{1}{2}$ x13				28x26
5-2	28x28			28x28			9 $\frac{1}{2}$ x14				28x28
5-6								9 $\frac{1}{2}$ x12			
3-0x3-2	32x16			32x16			10 $\frac{3}{4}$ x8		8x8		32x16
3-6	32x18			32x18		10 $\frac{3}{4}$ x12	10 $\frac{3}{4}$ x9		8x9		32x18
3-10	32x20			32x20			10 $\frac{3}{4}$ x10		8x10		32x20
4-2									8x11		
4-6	32x24			32x24			10 $\frac{3}{4}$ x12		8x12		32x24
4-10	32x26			32x26			10 $\frac{3}{4}$ x13	10 $\frac{3}{4}$ x10 $\frac{3}{4}$	8x13	8x10 $\frac{3}{4}$	32x26
5-2	32x28			32x28			10 $\frac{3}{4}$ x14		8x14		32x28
5-6								10 $\frac{3}{4}$ x12		8x12	
6-2								10 $\frac{3}{4}$ x13 $\frac{3}{4}$			
3-4x3-10				36x20					9x10		
4-2				36x22					9x11		
4-6				36x24					9x12		
4-10									9x13		
5-2									9x14		
5-6										9x12	
6-2										9x13 $\frac{3}{4}$	
3-8x3-10				40x20					10x10		
4-2				40x22					10x11		
4-6				40x24					10x12		
4-10									10x13		
5-2									10x14		
5-6										10x12	

Rough openings required

Stud wall opening			Masonry wall opening (with F-77 mold)		
Single	Twin	Triple	Single	Twin	Triple
2-0x4-2	3-10x4-2	5-8x4-2	2-2 $\frac{1}{8}$ x4-4 $\frac{1}{8}$	4-0 $\frac{1}{8}$ x4-4 $\frac{1}{8}$	5-10 $\frac{1}{8}$ x4-4 $\frac{1}{8}$
4-6	4-6	4-6	4-8 $\frac{1}{8}$	4-8 $\frac{1}{8}$	4-8 $\frac{1}{8}$
4-10	4-10	4-10	5-0 $\frac{1}{8}$	5-0 $\frac{1}{8}$	5-0 $\frac{1}{8}$
5-2	5-2	5-2	5-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$
5-6	5-6	5-6	5-8 $\frac{1}{8}$	5-8 $\frac{1}{8}$	5-8 $\frac{1}{8}$
2-4x2-10	4-6x2-10	6-8x2-10	2-6 $\frac{1}{8}$ x3-0 $\frac{1}{8}$	4-8 $\frac{1}{8}$ x3-0 $\frac{1}{8}$	6-10 $\frac{1}{8}$ x3-0 $\frac{1}{8}$
3-2	3-2	3-2	3-4 $\frac{1}{8}$	3-4 $\frac{1}{8}$	3-4 $\frac{1}{8}$
3-6	3-6	3-6	3-8 $\frac{1}{8}$	3-8 $\frac{1}{8}$	3-8 $\frac{1}{8}$
3-10	3-10	3-10	4-0 $\frac{1}{8}$	4-0 $\frac{1}{8}$	4-0 $\frac{1}{8}$
4-2	4-2	4-2	4-4 $\frac{1}{8}$	4-4 $\frac{1}{8}$	4-4 $\frac{1}{8}$
4-6	4-6	4-6	4-8 $\frac{1}{8}$	4-8 $\frac{1}{8}$	4-8 $\frac{1}{8}$
4-10	4-10	4-10	5-0 $\frac{1}{8}$	5-0 $\frac{1}{8}$	5-0 $\frac{1}{8}$
5-2	5-2	5-2	5-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$
5-6	5-6	5-6	5-8 $\frac{1}{8}$	5-8 $\frac{1}{8}$	5-8 $\frac{1}{8}$
2-8x3-2	5-2x3-2	7-8x3-2	2-10 $\frac{1}{8}$ x3-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$ x3-4 $\frac{1}{8}$	7-10 $\frac{1}{8}$ x3-4 $\frac{1}{8}$
3-6	3-6	3-6	3-8 $\frac{1}{8}$	3-8 $\frac{1}{8}$	3-8 $\frac{1}{8}$
3-10	3-10	3-10	4-0 $\frac{1}{8}$	4-0 $\frac{1}{8}$	4-0 $\frac{1}{8}$
4-2	4-2	4-2	4-4 $\frac{1}{8}$	4-4 $\frac{1}{8}$	4-4 $\frac{1}{8}$
4-6	4-6	4-6	4-8 $\frac{1}{8}$	4-8 $\frac{1}{8}$	4-8 $\frac{1}{8}$
4-10	4-10	4-10	5-0 $\frac{1}{8}$	5-0 $\frac{1}{8}$	5-0 $\frac{1}{8}$
5-2	5-2	5-2	5-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$
5-6	5-6	5-6	5-8 $\frac{1}{8}$	5-8 $\frac{1}{8}$	5-8 $\frac{1}{8}$
5-10	5-10	5-10	6-0 $\frac{1}{8}$	6-0 $\frac{1}{8}$	6-0 $\frac{1}{8}$
3-0x2-10	5-10x2-10	8-8x2-10	3-2 $\frac{1}{8}$ x3-0 $\frac{1}{8}$	6-0 $\frac{1}{8}$ x3-0 $\frac{1}{8}$	8-10 $\frac{1}{8}$ x3-0 $\frac{1}{8}$
3-2	3-2	3-2	3-4 $\frac{1}{8}$	3-4 $\frac{1}{8}$	3-4 $\frac{1}{8}$
3-6	3-6	3-6	3-8 $\frac{1}{8}$	3-8 $\frac{1}{8}$	3-8 $\frac{1}{8}$
3-10	3-10	3-10	4-0 $\frac{1}{8}$	4-0 $\frac{1}{8}$	4-0 $\frac{1}{8}$
4-2	4-2	4-2	4-4 $\frac{1}{8}$	4-4 $\frac{1}{8}$	4-4 $\frac{1}{8}$
4-6	4-6	4-6	4-8 $\frac{1}{8}$	4-8 $\frac{1}{8}$	4-8 $\frac{1}{8}$
4-10	4-10	4-10	5-0 $\frac{1}{8}$	5-0 $\frac{1}{8}$	5-0 $\frac{1}{8}$
5-2	5-2	5-2	5-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$
5-6	5-6	5-6	5-8 $\frac{1}{8}$	5-8 $\frac{1}{8}$	5-8 $\frac{1}{8}$
5-10	5-10	5-10	6-0 $\frac{1}{8}$	6-0 $\frac{1}{8}$	6-0 $\frac{1}{8}$
3-4x3-6	6-6x3-6	9-8x3-6	3-6 $\frac{1}{8}$ x3-8 $\frac{1}{8}$	6-8 $\frac{1}{8}$ x3-8 $\frac{1}{8}$	9-10 $\frac{1}{8}$ x3-8 $\frac{1}{8}$
3-10	3-10	3-10	4-0 $\frac{1}{8}$	4-0 $\frac{1}{8}$	4-0 $\frac{1}{8}$
4-2	4-2	4-2	4-4 $\frac{1}{8}$	4-4 $\frac{1}{8}$	4-4 $\frac{1}{8}$
4-6	4-6	4-6	4-8 $\frac{1}{8}$	4-8 $\frac{1}{8}$	4-8 $\frac{1}{8}$
4-10	4-10	4-10	5-0 $\frac{1}{8}$	5-0 $\frac{1}{8}$	5-0 $\frac{1}{8}$
5-2	5-2	5-2	5-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$
5-6	5-6	5-6	5-8 $\frac{1}{8}$	5-8 $\frac{1}{8}$	5-8 $\frac{1}{8}$
5-10	5-10	5-10	6-0 $\frac{1}{8}$	6-0 $\frac{1}{8}$	6-0 $\frac{1}{8}$
6-6	6-6	6-6	6-8 $\frac{1}{8}$	6-8 $\frac{1}{8}$	6-8 $\frac{1}{8}$
3-8x4-2	7-2x4-2	10-8x4-2	3-10 $\frac{1}{8}$ x4-4 $\frac{1}{8}$	7-4 $\frac{1}{8}$ x4-4 $\frac{1}{8}$	10-10 $\frac{1}{8}$ x4-4 $\frac{1}{8}$
4-6	4-6	4-6	4-8 $\frac{1}{8}$	4-8 $\frac{1}{8}$	4-8 $\frac{1}{8}$
4-10	4-10	4-10	5-0 $\frac{1}{8}$	5-0 $\frac{1}{8}$	5-0 $\frac{1}{8}$
5-2	5-2	5-2	5-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$
5-6	5-6	5-6	5-8 $\frac{1}{8}$	5-8 $\frac{1}{8}$	5-8 $\frac{1}{8}$
5-10	5-10	5-10	6-0 $\frac{1}{8}$	6-0 $\frac{1}{8}$	6-0 $\frac{1}{8}$
6-6	6-6	6-6	6-8 $\frac{1}{8}$	6-8 $\frac{1}{8}$	6-8 $\frac{1}{8}$
4-0x4-2	7-10x4-2	11-8x4-2	4-2 $\frac{1}{8}$ x4-4 $\frac{1}{8}$	8-0 $\frac{1}{8}$ x4-4 $\frac{1}{8}$	11-10 $\frac{1}{8}$ x4-4 $\frac{1}{8}$
4-6	4-6	4-6	4-8 $\frac{1}{8}$	4-8 $\frac{1}{8}$	4-8 $\frac{1}{8}$
4-10	4-10	4-10	5-0 $\frac{1}{8}$	5-0 $\frac{1}{8}$	5-0 $\frac{1}{8}$
5-2	5-2	5-2	5-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$	5-4 $\frac{1}{8}$
5-6	5-6	5-6	5-8 $\frac{1}{8}$	5-8 $\frac{1}{8}$	5-8 $\frac{1}{8}$
5-10	5-10	5-10	6-0 $\frac{1}{8}$	6-0 $\frac{1}{8}$	6-0 $\frac{1}{8}$



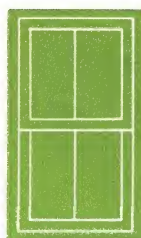
C-2760



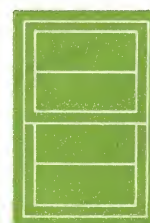
C-2769



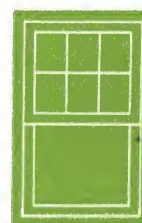
C-2752



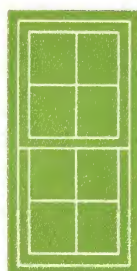
C-2754



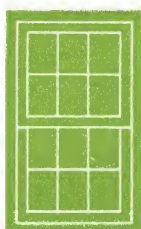
C-2764



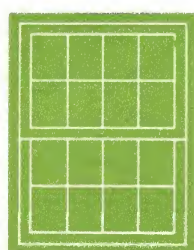
C-2786



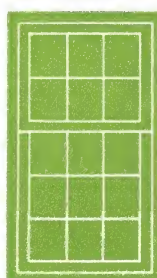
C-2768



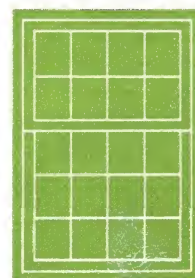
C-2772



C-2776



C-2775



C-2780

Storm sash and screens available in same sizes.

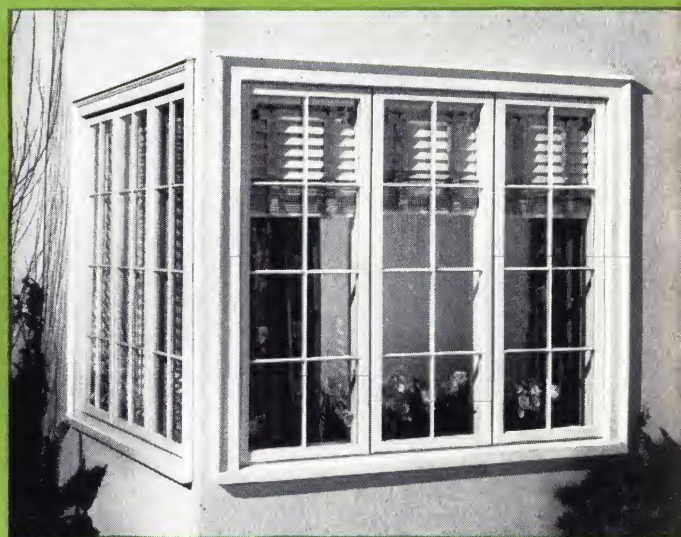
Sash locks furnished with Silentite Windows. Sash lifts are not furnished.



A group of five 8-light Silentite Casements forming a "window wall". See exterior view below.



Silentite Casements may be opened to 45°. They can't rattle or swing in the wind . . . and there's no exterior hardware to rust or get out of order. They are easily washed from the inside.



Casements, as well as double-hung windows, are frequently used in corner installations, as pictured above. Several sash styles are available.

Silentite casement windows

OLD CHARM ★ NEW BEAUTY ★ SILENTITE EFFICIENCY



If you prefer casement style windows, or if the home you plan to build or modernize calls for this type of sash, you will find the Silentite Casement as superior a product as the Silentite Double-Hung Window. Both are backed by the 80-year-old Curtis reputation for quality woodwork • Silentite Casements meet the demand of modern home owners who want the charm and beauty of casement windows without the troubles that some casements frequently bring. With entirely new operating principles, this wood casement offers you both beauty and satisfactory use. The sash operation is somewhat unique. It is really a "floating" sash . . . easily opened and closed . . . and always locked in the position in which it is placed. It can't rattle, swing or vibrate • This unit was designed by Curtis engineers after five years of research, experimenting and testing, during which period all old casement ideas were discarded. The Silentite unit was built up step by step to fulfill rigid specifications for an ideal casement . . . and to eliminate the faults of old style casements • Models were exhibited to a large number of architects, contractors, home owners and housewives and free criticism was invited and reported. After minor refinements had been made, tests for air leakage and heat losses were carried out by the Pittsburgh Testing Laboratory. The results were all in favor of the Silentite Casement on the basis of exactly comparable tests of high grade competitive wood and steel casements. Briefly, they showed approximately 41% less heat loss and about 45° less air infiltration than the standard competitive sash and frames tested. **This means about 17% saving in heating costs,** which is a very appreciable yearly saving.

Many exclusive features

The Silentite Casement may be summed up briefly as follows: A revolutionary improvement in construction; greater architectural beauty; more flexibility; superior weather-tightness; draftless ventilation; easy operation; concealed hardware of simple design; substantial fuel savings; easy installation; adaptable to any wall construction; screens and insulating glass may be left on summer and winter • See page 16 for additional information on this very modern wood casement by Curtis. Your dealer will answer any questions you may have and will provide prices. To be sure of permanent window satisfaction, insist on Silentite Casements or double-hung windows . . . and remember, **only Curtis makes the Silentite Window!**



Interior view of Silentite Casements with horizontal lights — five high. You have a choice of several styles.

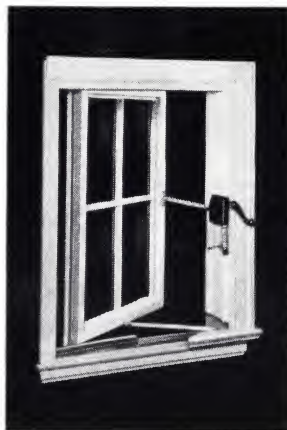
You'll like these features of the SILENTITE CASEMENT

- 1 . . A complete pre-fit casement unit which includes all operating hardware, screen, and insulating glass (storm sash).
- 2 . . Most weathertight casement made . . . lower heating costs.
- 3 . . No sticking, binding, warping.
- 4 . . No swinging, slamming, or rattling in the wind.
- 5 . . No outside hardware to rust and detract from casement beauty.
- 6 . . No inside projecting hardware. (Fault of most ordinary casements.)
- 7 . . Self-locking sash . . . tamper-proof on outside.
- 8 . . Operated from inside only.
- 9 . . Easy, fool-proof operation. Adjuster provides 15 times opening force of ordinary lever type casement.
- 10 . . Draftless ventilation.
- 11 . . Easily cleaned from inside.
- 12 . . Curtis toxic treatment adds longer life to wood.
- 13 . . Lower installation cost through pre-fitting at factory.
- 14 . . Greater architectural beauty.
- 15 . . Several sash styles afford wide variety.

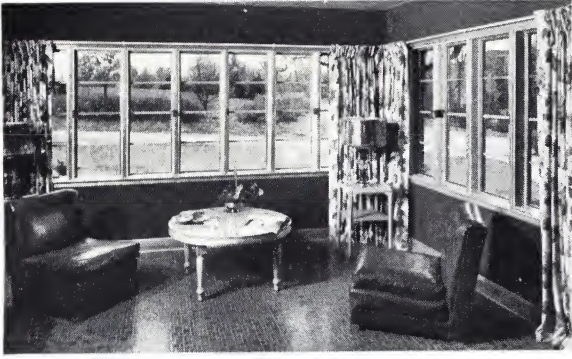


Swing wide the casements!

The Silentite Casement offers great flexibility of window arrangement. Sash may be grouped up to 5 in an opening, either with or without transoms. Sash are available in 4-, 6-, 8- and 10-light and 2-light transoms. All are two lights wide. Glass size, 8x12 except in 6-light, 8x10 and 8x12. With such flexibility the architect or builder may carry out any desired combination or treatment of sash openings to harmonize with the particular architecture of the home • Silentite Casements may be used in some rooms or in certain walls of some rooms, while the Silentite double-hung window is used in other openings. Owners frequently use Silentite Casements in the dining room, living room, den, library, or in the kitchen or breakfast nook, or sun or sleeping porch. You may wish to use casements throughout your home, for many styles of architecture demand casement windows all through the house.



Left . . . Sash with trim cut away to show operating mechanism. Note how sash is rigidly supported at four points and held laterally at a fifth. No chance for rattling or swinging! • **Right** . . . Close-up view showing operator with housing cover plate removed. Note sturdy construction of mechanism. Chain is plated in statuary bronze over a heavy cadmium plating. Crank and housing are also bronze plated.



Silentite casement walls in the sun room of a beautiful ranch-type home.



Silentite is easy to clean from inside as sash is always locked in position you place it.



Here three-light Silentite casements were used in groups of four on each wall.



Screens and insulating glass are installed in a jiffy! Most people leave them in all the time.

Casement screens and insulating glass

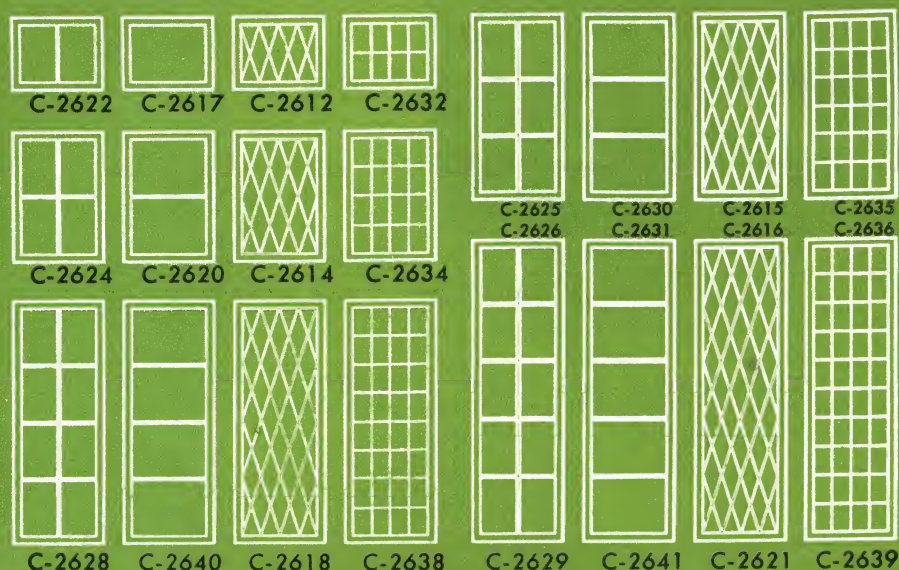
They're in and out in a jiffy . . . or may be left in year-'round

Pre-fit screens and insulating glass are available for the Silentite Casement. These are priced separately and should be ordered with the frames and sash. • The screen is light and easy to handle, yet it is very sturdy. Division bars run the width of the screen, giving it added strength. This is an entirely new feature. These wood bars match perfectly with the division bars in the sash. The screens are reversible and may be installed or removed in a few seconds. Four bullet catches hold screen securely in place . . . the face of the screen $\frac{3}{8}$ " back from the sash line. There is ample clearance for

shades or Venetian blinds and no interference with operation of sash. • Curtis recommends the use of insulating glass with all Silentite Casements. Insulating glass takes the place of storm sash used with double-hung windows. The insulating glass fits into the casement sash and is held securely in place by the weatherstripping. About $\frac{3}{4}$ " of dead air space is provided between insulating glass and sash. Laboratory tests of the Silentite Casement show a reduction in heat transmission of over 56% when insulating glass was used, with temperatures of 35° outside and 85° inside.

Caseмент sash types and opening sizes

A large variety of Silentite Casement sash types provides a wide selection of styles, as illustrated on the right. Designs C-2625, C-2630, C-2615 and C-2635... are made for opening 1-7 x 2-9 $\frac{1}{4}$ " and are primarily designed for use over a kitchen sink. Casement opening types are given below.



Silentite casement opening types

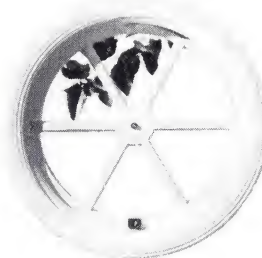
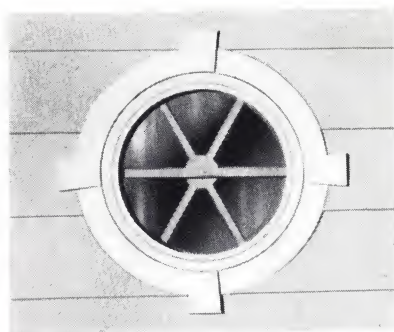
In the Silentite casement opening types shown here, two new series have been added incorporating the new 5-light high sash which are available in four designs: C-2629... 10-light; C-2641... 5 horizontal lights both with wood bars; C-2621... diamond lights, and C-2639... rectangular lights. The latter two are glazed with zinc bar lights.

- The "K" following the numbers of the second line of opening types designates the 8" x 10" 6-light sash which is the only variation from the standard 8" x 12" glass size.
- When F-77 band mold is not used on masonry wall frames, the above brick wall openings are reduced $\frac{3}{8}$ " in width and $\frac{3}{16}$ " in height.

SASH OPENING (Between Jambs) STUD WALL OP'G. BRICK WALL OP'G.	1'-7"	3'-2 $\frac{1}{2}$ "	4'-10 $\frac{1}{4}$ "	6'-5 $\frac{7}{8}$ "	8'-1 $\frac{1}{2}$ "	SASH OPENING (Between Head & Sill) STUD WALL OP'G. BRICK WALL OP'G.
	1'-10 $\frac{1}{2}$ "	3'-6 $\frac{1}{8}$ "	5'-1 $\frac{3}{4}$ "	6'-9 $\frac{3}{8}$ "	8'-5"	
	2'-2"	3'-9 $\frac{5}{8}$ "	5'-5 $\frac{1}{4}$ "	7'-0 $\frac{7}{8}$ "	8'-8 $\frac{1}{2}$ "	
	140	240	340	440	540	2'-3"
	160K	260K	360K	460K	560K	2'-9 $\frac{1}{4}$ "
	160	260	360	460	560	3'-0 $\frac{1}{2}$ "
	180	280	380	480	580	3'-3 $\frac{1}{4}$ "
	1100	2100	3100	4100	5100	3'-6 $\frac{1}{2}$ "
	1102	2102	3102	4102	5102	3'-9 $\frac{3}{8}$ "
						4'-3 $\frac{1}{2}$ "
						4'-6 $\frac{3}{4}$ "
						4'-9 $\frac{5}{8}$ "
						5'-3 $\frac{3}{4}$ "
						5'-7"
						5'-9 $\frac{1}{8}$ "
						6'-8 $\frac{3}{8}$ "
						6'-11 $\frac{1}{8}$ "
						7'-2 $\frac{3}{8}$ "

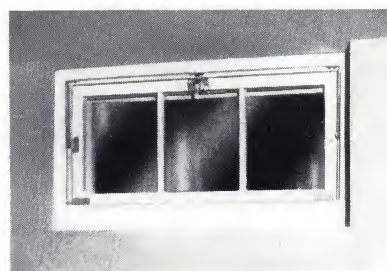
Rotovent circle window

Rotovent is not the ordinary stationary circle sash. It is a full circle window which may be opened for ventilation to one-half of its area. It is ideal for halls, lavatories, powder room, closets, vestibules and attics, and may be used with any architectural style • The complete unit consists of the frame, prefitted circle window of two half-circle sash, each divided, 3 lights, and a circular screen. The window is weatherstripped at the factory and installed in the frame, with hardware applied • The sash opens from inside without disturbing the screen. A special combined lock and fastener holds the sash securely in a closed, half open, or fully opened position. Overall diameter of window is 2' 0". You'll surely find a spot in your home for one or more of these Rotovent windows!



Silentite basement window

This Silentite basement window has all the improved features you'd expect to find in a Silentite product. The unit consists of frame, sash installed with all operating hardware and weather-strips applied, and pre-fit screen • No hardware is visible on the outside. It is operated from inside only, with full control of sash without disturbing screen. May be opened to any degree up to the entire opening area. It cannot rattle or vibrate . . . and is held securely in any desired position by the friction arms • This sash is often used in cabins, garages, tourists cabins, farm buildings, etc., when low cost is desired. It's available in commonly used sizes . . . from opening size of 2'8 $\frac{1}{4}$ " x 1'4 $\frac{3}{8}$ " to 2'11 $\frac{3}{4}$ " x 1'10 $\frac{3}{8}$ ".



Curtis bow window

Extremely picturesque is this new Curtis "bow" window! For the home owner who wants to decorate with "sunbeams," this window will have a particular appeal. The three center sash are stationary, while the two end sash may be operated and will provide good ventilation. The horizontal-light casements (C-2641) shown in the illustration are ideal for this unit, but any standard 5-light high Silentite Casement sash may be substituted, if preferred. Suitable for any wall construction. Rough opening size: Width, 8' 1 $\frac{1}{2}$ ", Height, 5' 7-5/16".

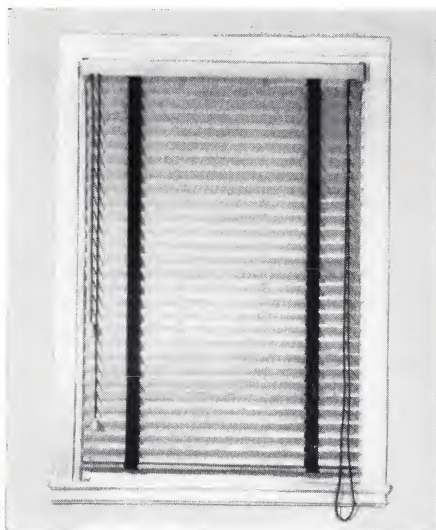


MITERTITE NARROW TRIM

for windows and doors • PRE-FIT and READY TO INSTALL



"Regency" trim illustrated above and below.
Select trim when you buy windows and doors.



Window and door trim in a house is very important from a decorative view. Trim is like the frame around a beautiful picture or a mirror. It "sets off" the windows and doors and accentuates the overall beauty of a room • Mitertite Pre-Fit Trim is a companion product to the Silentite Window. Before Curtis introduced Silentite, wider, costlier trim was necessary to cover the back of the window weight box. If narrow trim was used, considerable time was required to prepare it for application. With architects demanding a molded, mitered trim to conform with reduced ceiling heights and room sizes, trim was detailed proportionately narrower. So Curtis developed Mitertite Trim . . . pre-fit and ready to install at minimum labor cost • Mitertite Trim has an exceptionally strong locked miter joint, which is a patented feature, between side and head casings, which is produced with extreme accuracy by a specially designed machine. It has the appearance of an ordinary miter joint on the face, but is combined with inherently strong halved or lap joint on the back side. The two parts at the plane of overlap are provided with interlocking tongue and groove which are parallel with the miter and slightly tapered so that when pushed into position, the miter is drawn up tightly and securely • Without metal spline or other accessories, the strength of this joint is much greater than that of an ordinary butt miter, held by the best methods in current use. It has over three square inches of gluing surface, if further security is desired. It will always "stay put" when in use. You'll appreciate this feature the longer you live in your home and with your woodwork.

Lower installation cost

Because Mitertite Trim is completely machined with the greatest accuracy, it can be applied in far less time than is required for the preparation and application of cut-to-length trim. This greatly reduces installing costs, according to actual time tests and the statement of many builders who have used both kinds of trim • One might assume that trim so completely machined would be costly . . . yet the contrary is true. Curtis designed and built special machines to produce Mitertite Trim on a large production basis, with resultant savings for the user. So Mitertite is both beautiful and economical.



KENT



TROY



LEE



REGENCY

Mitertite trim styles Here are four distinctive designs of Curtis Mitertite Trim. Each was designed by a well-known Architect . . . men who were retained by Curtis for architectural design and consultation. All styles are the same width . . . 2¼ inches. All are ¾ inch thick, except "Troy" and this is ⅝ inch thick. When you select the Silentite windows for your home, choose the style of Mitertite trim you like best. Mitertite is trim for doors, too, and generally the same style of trim is used all through the house. Tell your architect and builder you want Mitertite Trim as well as Silentite Windows in your home!

In addition to an unusually strong joint, Mitertite Trim has other superior features you'll like. Some of these features are:

- The head casings are accurately machined to exact length with the special joint at each end.
- All side casings are made slightly longer than the opening, with a miter cut on each end . . . one right hand and one left hand . . . so that they are interchangeable. The miter at bottom end is cut off when trimming at stool or plinth.
- Stool is horned at both ends and the ends returned on the solid. The apron is cut to exact length and returned on the solid.
- The window head stops are cut to exact length and mitered at both ends. The side stops are made the same as explained in point 2 for side casings.
- Door side casings and stops are furnished long enough to provide for various practices with respect to allowance for plinth blocks and threshold.
- The door head stop is mitered on only one end and allowance made for cutting the miter on the other end to a perfect fit.

Architects and interior decorators favor narrow trim and the beauty of these exclusive Curtis styles will appeal to the most discriminating taste. Mitertite is very quickly installed, which saves labor costs.

A new lease on life

Effective home remodeling generally calls for new windows . . . arranged to give more light and air . . . and to provide a more modern appearance inside and outside. SILENTITE Windows, and other Curtis Woodwork designs, may be quickly installed in your present home. So don't think you can't have a modern house unless you build new. Your old home can be greatly modernized with Curtis Woodwork, as illustrated below. Your local Curtis dealer will provide helpful ideas and extend a complete remodeling service that will save you time and money. See your dealer *first* for modernizing ideas and cost information.



It's hard to imagine that this 1880 house was converted into the fine home pictured above. . . . But it was! And Silentite Windows can "take a bow" for contributing much to the excellent modernization. Note attractive Curtis "Bow" Window in front.



This "white elephant" house was really modernized, wasn't it? Silentite windows were used, and new Curtis doors and other woodwork. By all means, install new woodwork when you remodel. Your Curtis dealer will provide helpful ideas and literature.



Here's a modernized 1914 bungalow that's as attractive as many built today. Curtis Woodwork played a big part in modernizing. Several new Silentite windows were installed, new shutters, a new doorway. Shingles were put on the exterior, too.



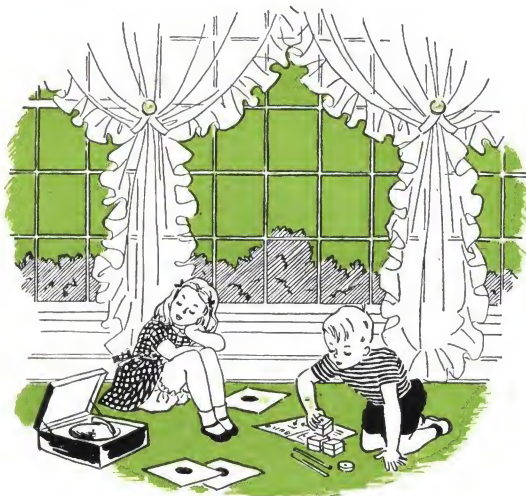
This owner converted a porch into a year-round sun room. Curtis Silentite Casement Windows were used. These open, of course, and in the summer this room is delightfully cool . . . Silentite Double-hung windows could be used, if preferred.

WOOD . . .

for lasting satisfaction

For centuries, WOOD has been considered our best material for windows, frames, doors, cabinetwork, trim, stairs, and for all exterior and interior millwork • For evidence of the durability of wood . . . consider the old homes of our forefathers! Many of these wood homes built in colonial times are still standing . . . still sound . . . still able to speak with dramatic eloquence of the wisdom of the builders in choosing wood as a building material. Wood, too, has the beauty, the charm, the hospitality one expects to find in a home. Scientific research has shown that wood is the best non-conductor of heat and cold. Wood, particularly Ponderosa Pine, is desirable because of its durability, workability, adaptability to paint, and reasonable cost • Curtis SILENTITE Windows are made of durable Ponderosa Pine. All wood parts are given a 3-minute dip in a toxic and water repellent solution which is made from a special Curtis formula, laboratory tested. This is the best protection against wood destroying fungi known today. Wood Windows, if painted at proper intervals, have a record of outlasting the life of the building itself. When adequately painted, wood is practically unaffected by sun or moisture. It does not corrode. Three coats of paint are usually recommended for all exterior woodwork • You will never regret your choice of **Silentite Wood Windows**.

LIVABILITY It's easy to live with wood windows! They don't attract cold or heat, they are more weathertight, easy to operate, more decorative.



ECONOMY For low heating and maintenance costs, wood windows are first choice of home builders everywhere.



DURABILITY Beautiful Mount Vernon, shrine of American freedom, is typical of the durability of WOOD as a building material.



BEAUTY WOOD has the beauty, the charm, the hospitality that one expects to find in a home.



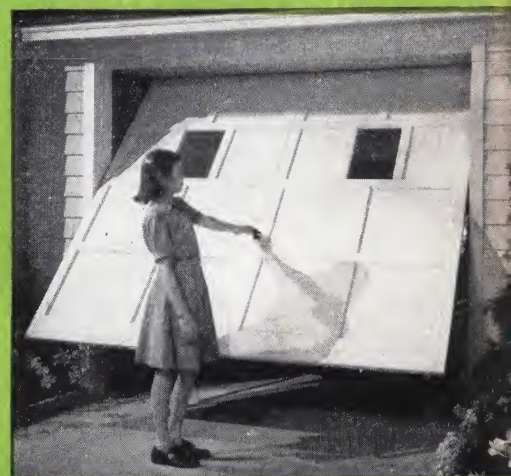
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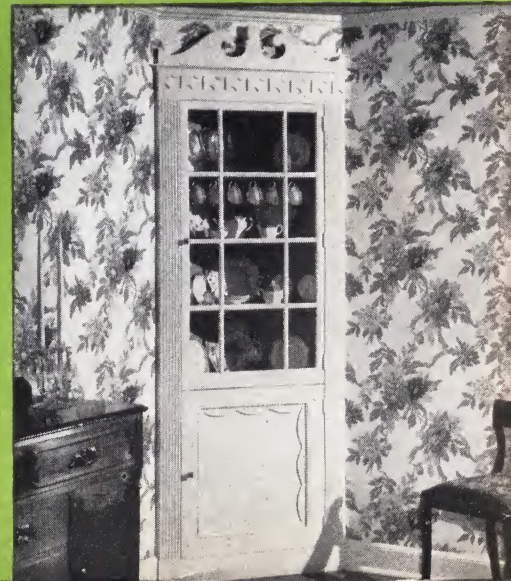
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